

Figure 1

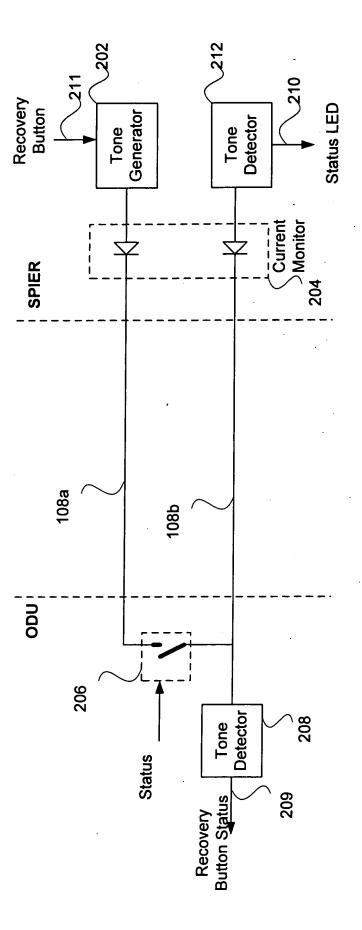


Figure 2

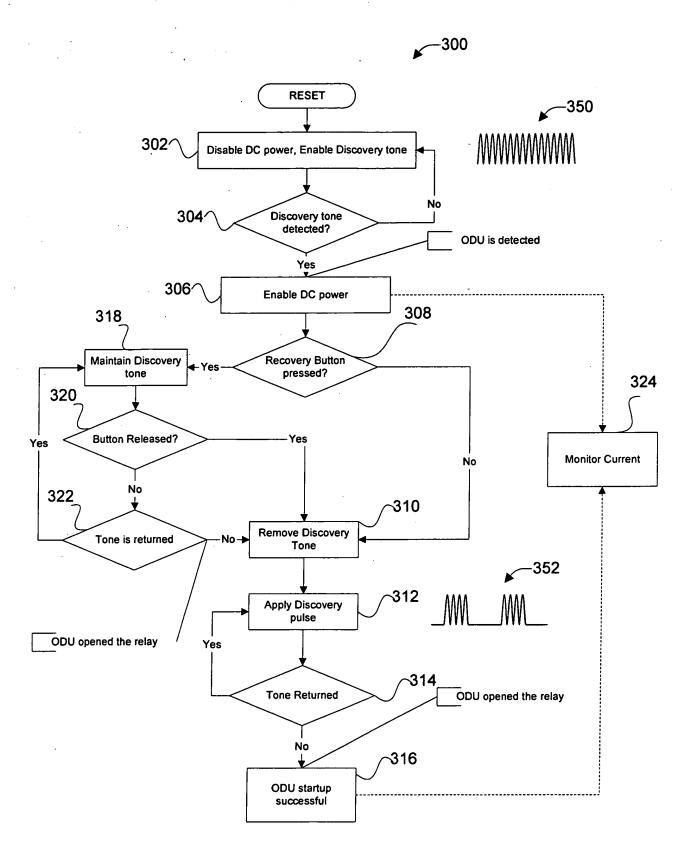


Figure 3

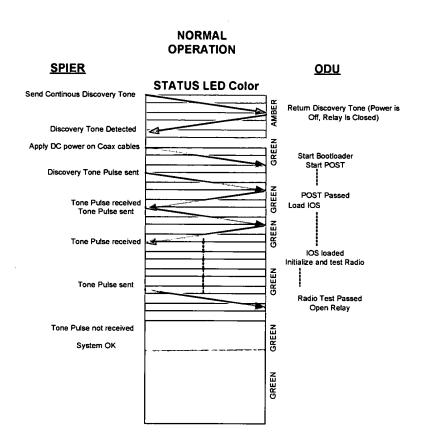


Figure 4A

Config Recovery SPIER <u>ODU</u> **STATUS LED Color** ∝ Return Discovery Tone ⊕ (Power is Off, Relay Is Closed) ▼ Discovery Tone Detected Apply DC power Tone Detected Tone Detected Tone Detected Tone Pulse sent GREEN Load IOS Tone Pulse received IOS loaded Unitialize and test Radio Tone Pulse sent Radio Test Passed Open Relay Tone Pulse not received GREEN GREEN

Figure 4B

Image Recovery **SPIER** <u>ODU</u> **STATUS LED Color** Return Discovery Tone (Power is Off, Relay Is Closed) Discovery Tone Detected Apply DC power Start Bootloader Tone Detected Tone Detected Tone Detected Send Continuous Tone W Erase Config AMBER Open Relay, Erase Flash, Start Image Recovery Tone Detected Tone Detected Tone not detected RED RED

Figure 4C



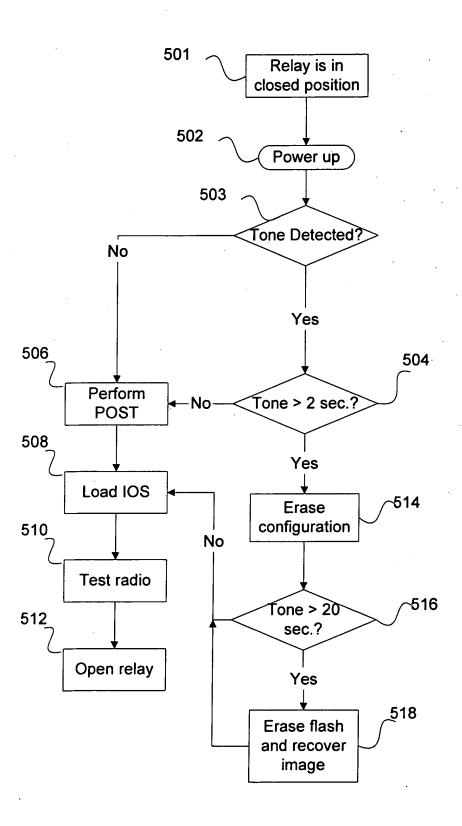


Figure 5

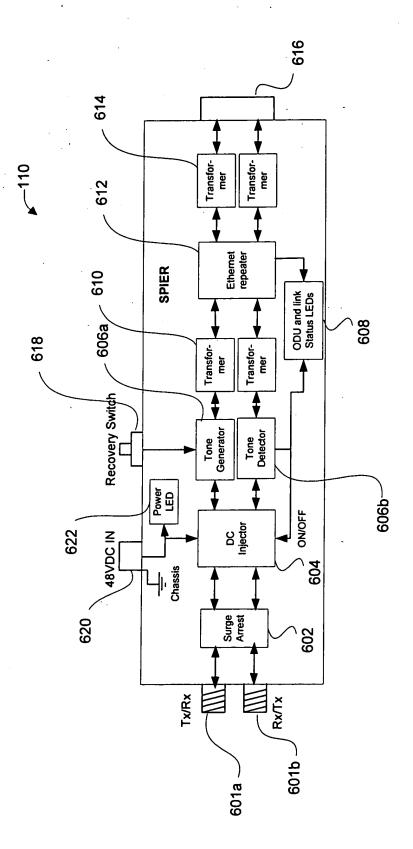


Figure 6

Figure 7A: Injector Status LED

Steady Green	ODU passed POST and Loaded software image
Blinking Green	DC power applied, ODU is loading software or going through POST
Blinking Amber	ODU is not discovered, DC power not applied.
Steady Amber	Recovery button is pressed more than 2 second and less than 20 sec, ODU is in Configuration recovery mode
Steady red	Recovery button was pressed more than 20 sec, ODU is in Image recovery mode, downloading new image.

Figure 7B: Power LED

Black	No DC power is applied to SPIER
Steady green	DC power is applied to SPIER

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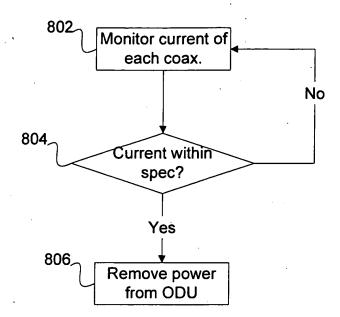


Figure 8